



In the United States Patent and Trademark Office

Application Number: 10/506,518

Application Filed: 05/09/2005

Applicant(s): Kenneth S. Watkins, Jr. et al.

Appn. Title: Electrical Condition Monitoring Method for Polymers

Examiner/GAU: T. Noland/2856

Docket No.: PAC-01

Customer No.: 24985

Mailed: 10/02/2008

At: Dahlonega, GA

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Certificate

OCT 09 2008

of Correction

Request for Correction

Sir:

In accordance with MPEP 1480, Certificates of Correction - Office Mistake, please amend the above-identified application in accordance with the Certificate of Correction (PTO/SB/44) and formal drawings (Sheets 1-8) attached.

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REMARKS

1. The Applicant submits that formal drawings (sheets 1-8) attached, were filed in Amendment 1 of PCT/US03/06844 on 16 May 2003 (copy attached) and received for (copy of Return Receipt Postcard dated 16 May 2003 by PCT/PTO attached) and therefore should have been entered as the issue drawings for the case. These formal drawings were filed in response to the "Invitation to Correct Defects in the International Application" mailed 09 April 2003. The instant case (US Application No. 10/506, 518) was filed as a section 371 case claiming priority of PCT/US03/06844 and with a filing date of May 9, 2005, almost two years after the filing of the formal drawings. The Applicant was not aware of the PTO error until issue of US Patent No. 7,414,416.
2. For the cited reasons, the Applicant requests expeditious correction to the patent per MPEP 1480.

Very Respectfully,



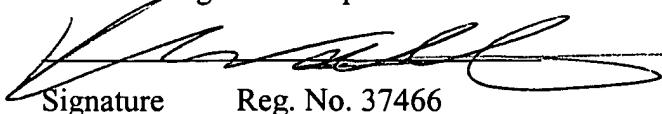
Kenneth S. Watkins, Jr.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS: Certificate of Correction, Commissioner of Patents, PO Box 1450, Arlington, VA 22313-1450 on: 10/2/2008

Kenneth S. Watkins, Jr.
Name of Registered Representative



Signature Reg. No. 37466

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 1 of 9

PATENT NO. : 7414416

APPLICATION NO.: 10/506518

ISSUE DATE : 08/19/2008

INVENTOR(S) : Watkins, Jr. et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Formal drawings (Sheets 1-8), attached, replace informal drawings (Sheets 1-8) as issued.

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In the United States Patent and Trademark Office

PCT



International Application Number: PCT/US03/06844

International filing date: 05 Mar 2003

Priority date: 06 Mar 2002

Application title: An electrical Condition Monitoring Approach For Polymers

Applicant's file reference: BPW-06-PCT

FILE

COPY

Mailed: 16 May 2003

At: Dahlonega, GA

Amendment 1

Commissioner of Patents and Trademarks
Box PCT
Washington, District of Columbia 20231

Sir:

Please enter this request for extension of time for filing a response to "Invitation to Correct Defects In the International Application" mailed 09 Apr 2003.

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Please enter the following:

1. Power of Attorney (5 sheets) in response to Annex A to form PCT/RO/106
2. New Drawings (8 sheets) in response to Annex C1 to form PCT/RO/106

REMARKS-GENERAL

1. This amendment is submitted to be fully responsive to the "Invitation to Correct Defects in The International Application Mailed 09 Apr 2003. The Applicant further submits that no new matter has been introduced as a result of this amendment.

Very Respectfully,



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16 May 2003

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BPI - 06 - PCT

The following has been received in the Patent and Trademark Office Ref:
Appl. No PCT/US03/06844 File Date: 05 Mar 2003 Inventor: Watkins et al.
Title: An Electrical Condition Monitoring Approach For Power

- Amendment 1 Mailed 16 May 2003
- Power of Attorneys (6 sheets)
- New Drawings, 8 sheets

0720 Rec'd PCT/PTO 12 MAY 2003

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FIG. 1A

Elongation at break versus aging time for sample with 25% carbon black

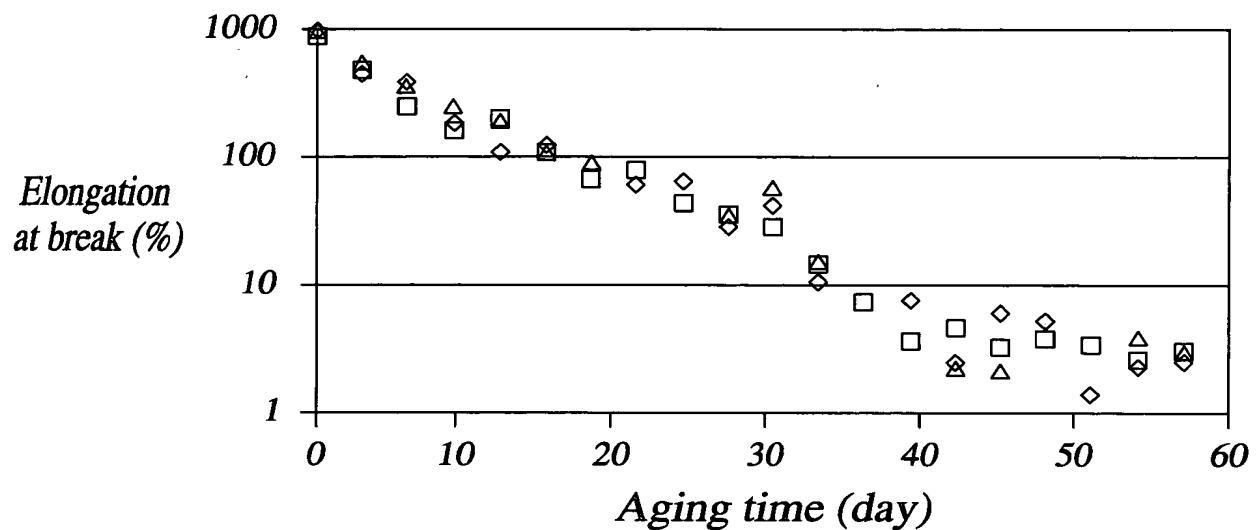
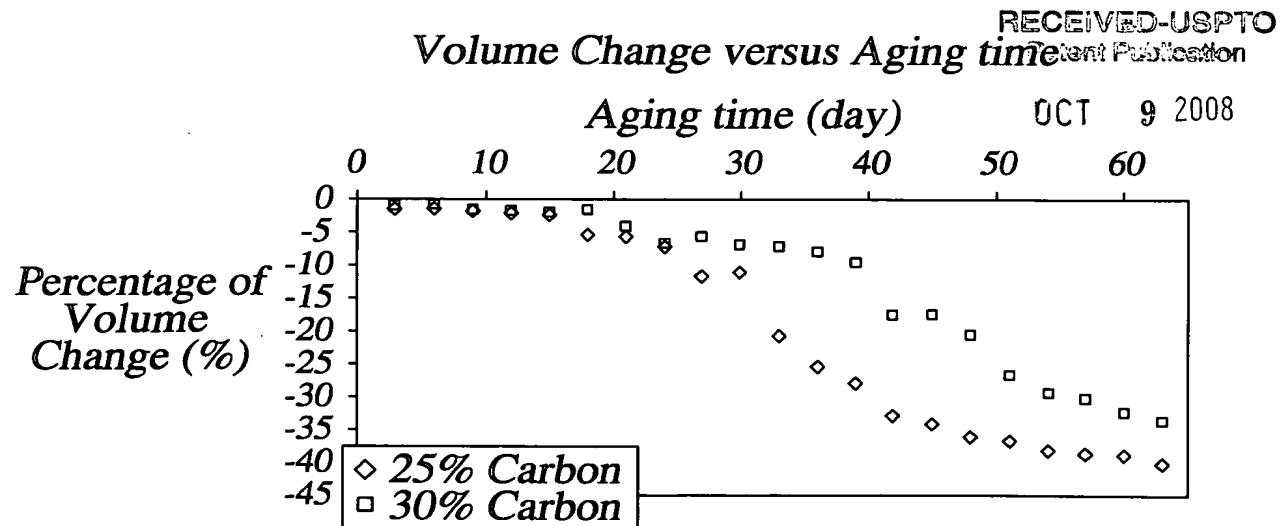
**FIG. 1B**

FIG.1C

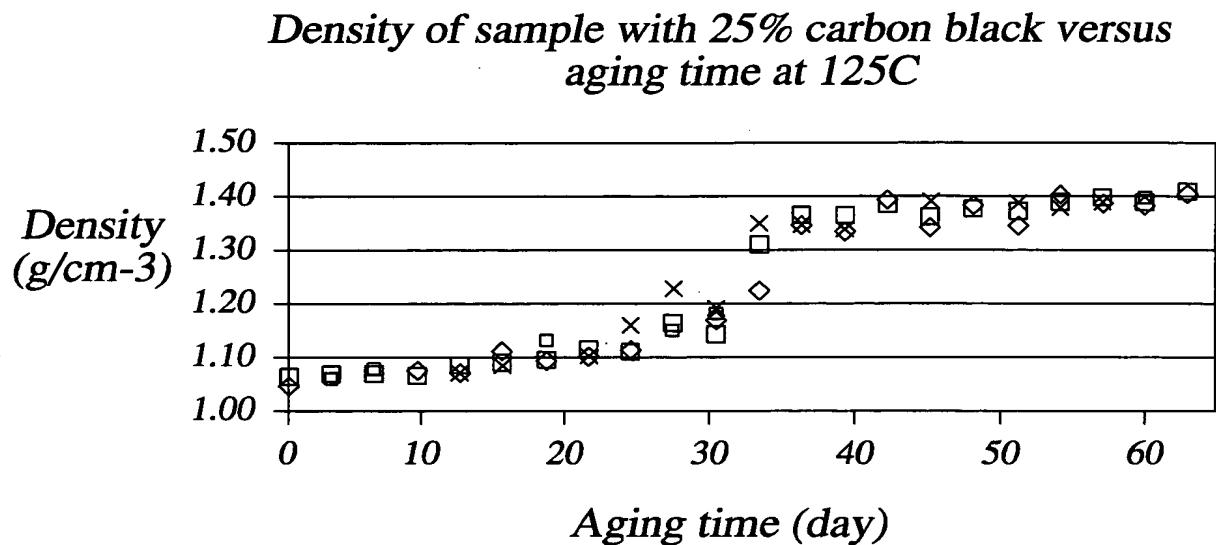


FIG.1D

Resistivity versus aging time for sample with 25% carbon black loading (aging temperature: 125C, measured one day after the sample was taken out)

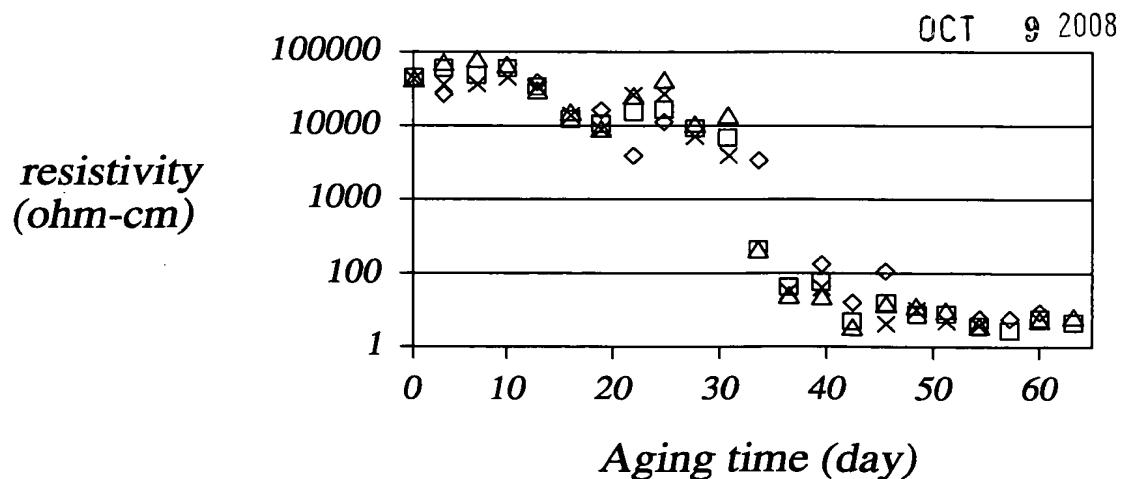


FIG.2A

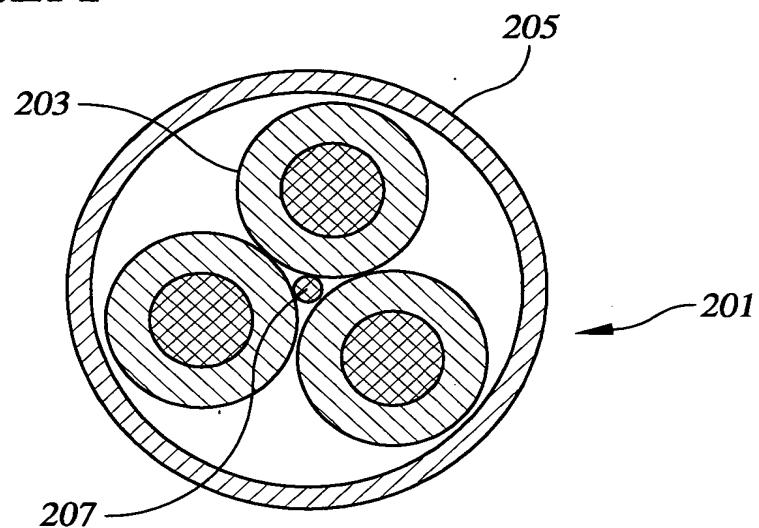
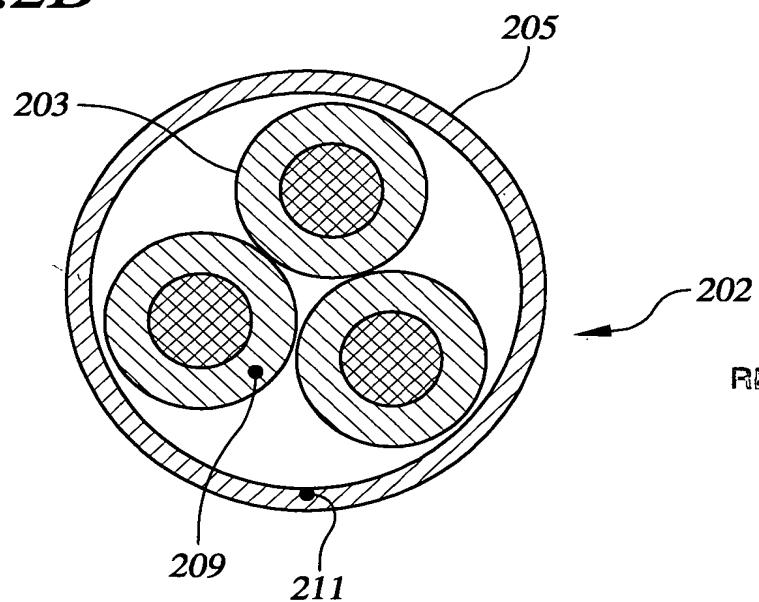


FIG.2B



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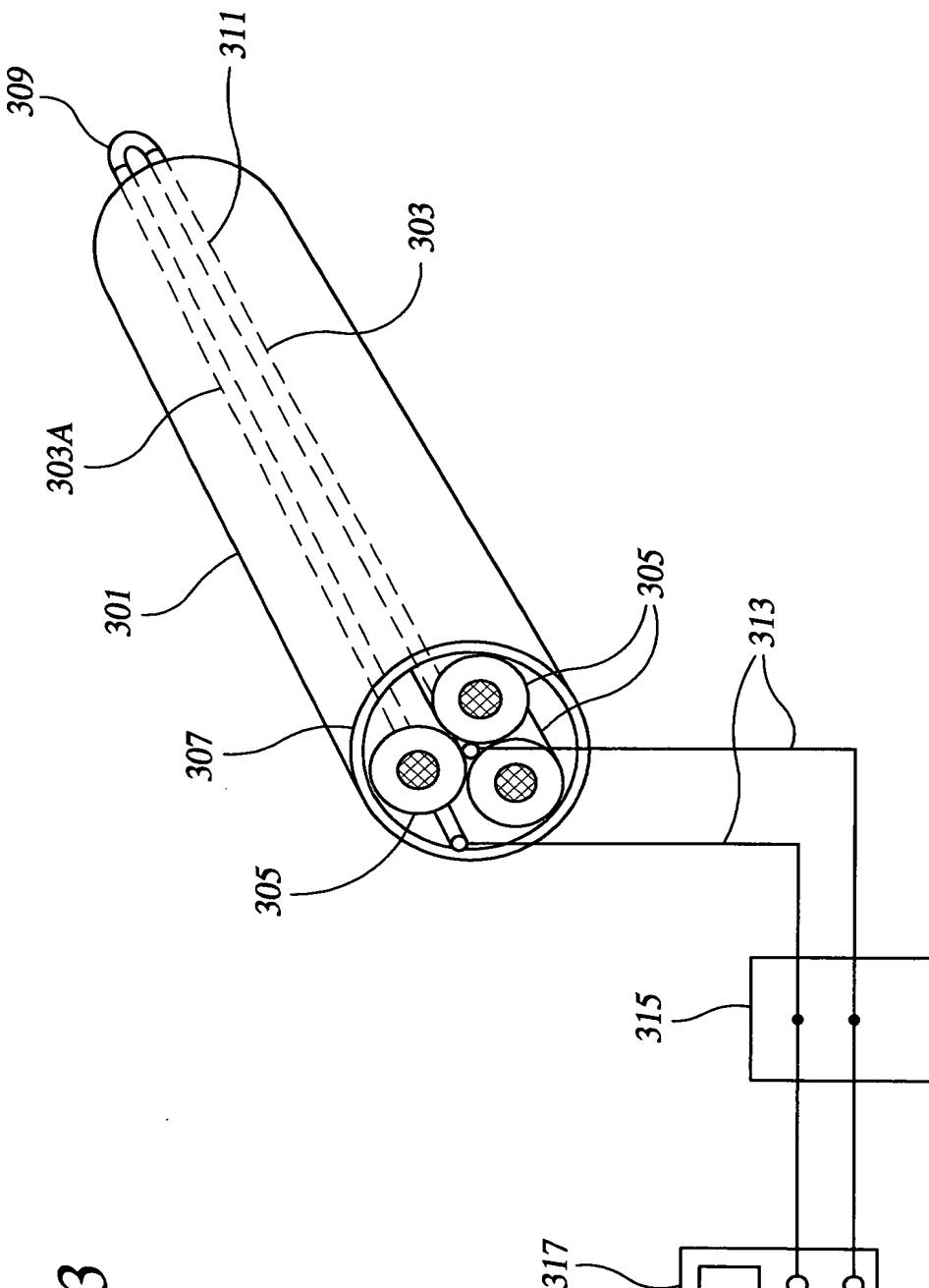
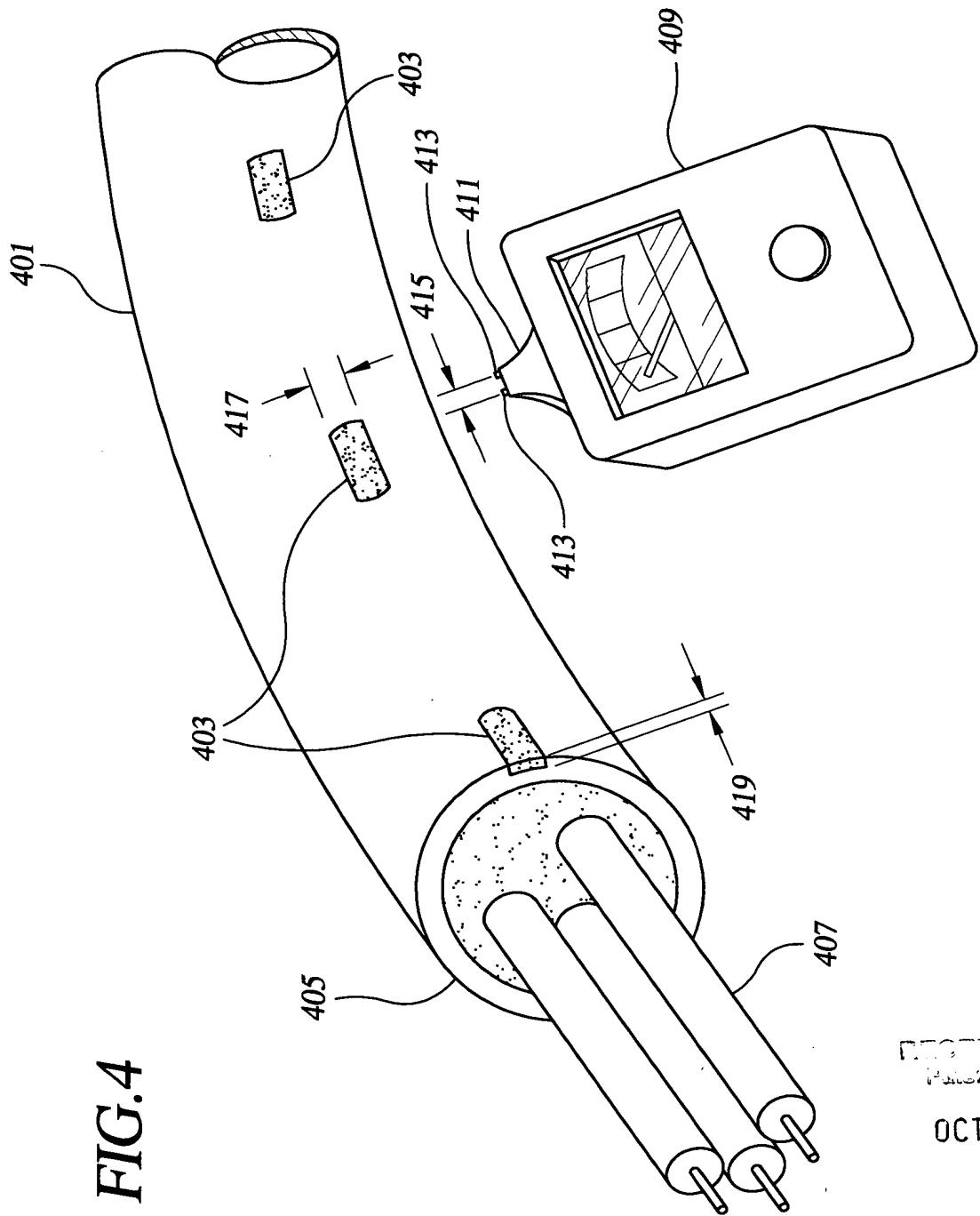
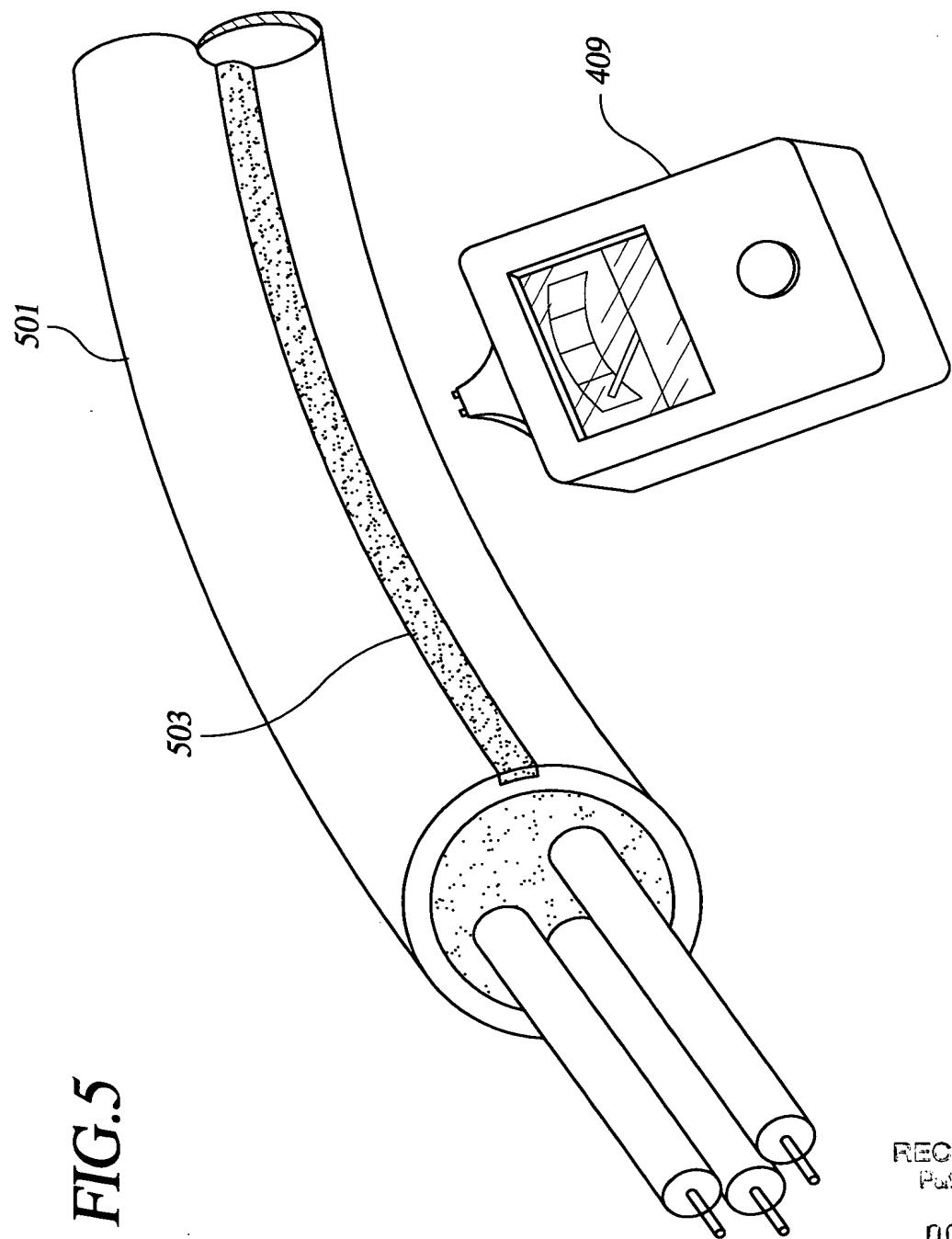


FIG.3

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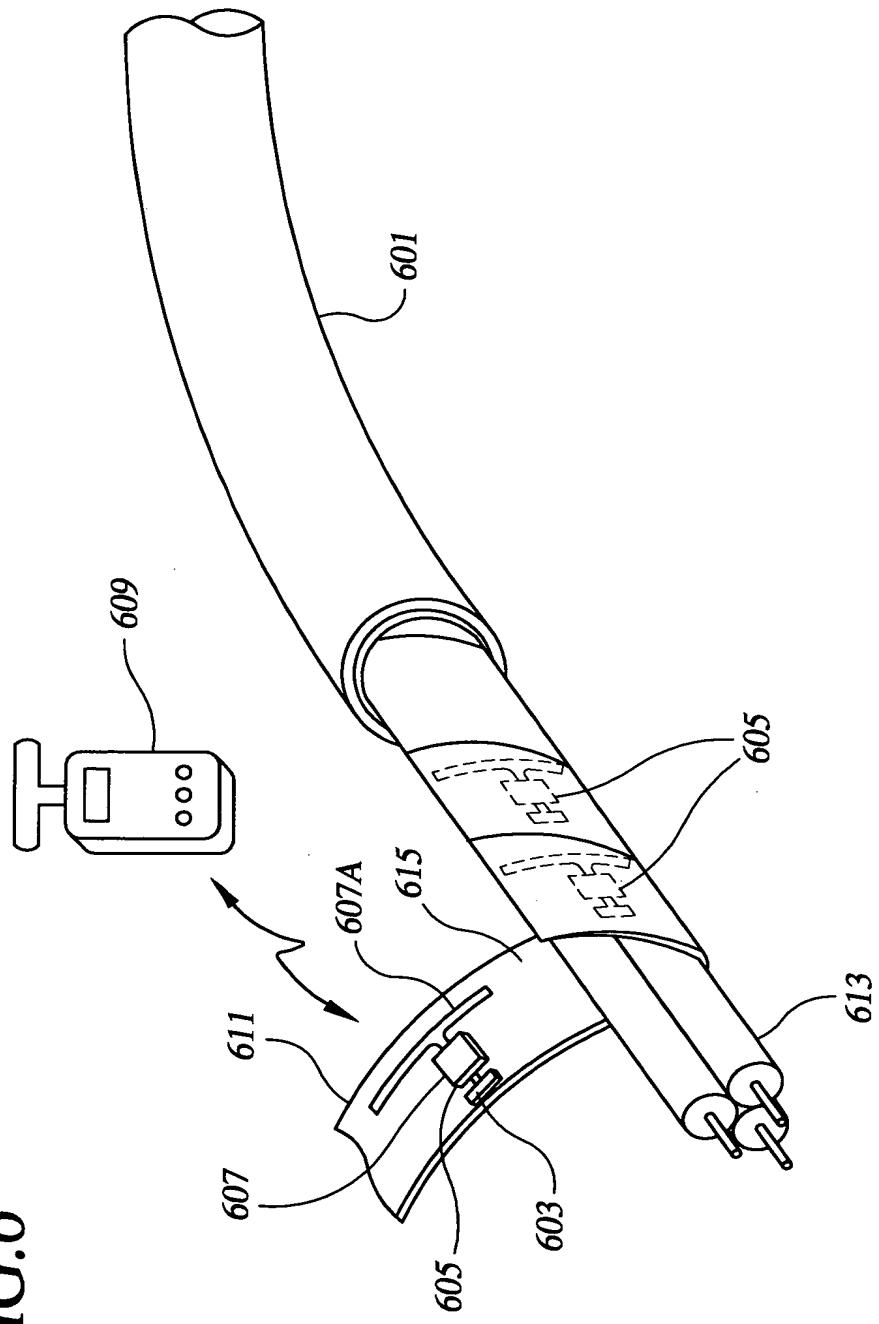
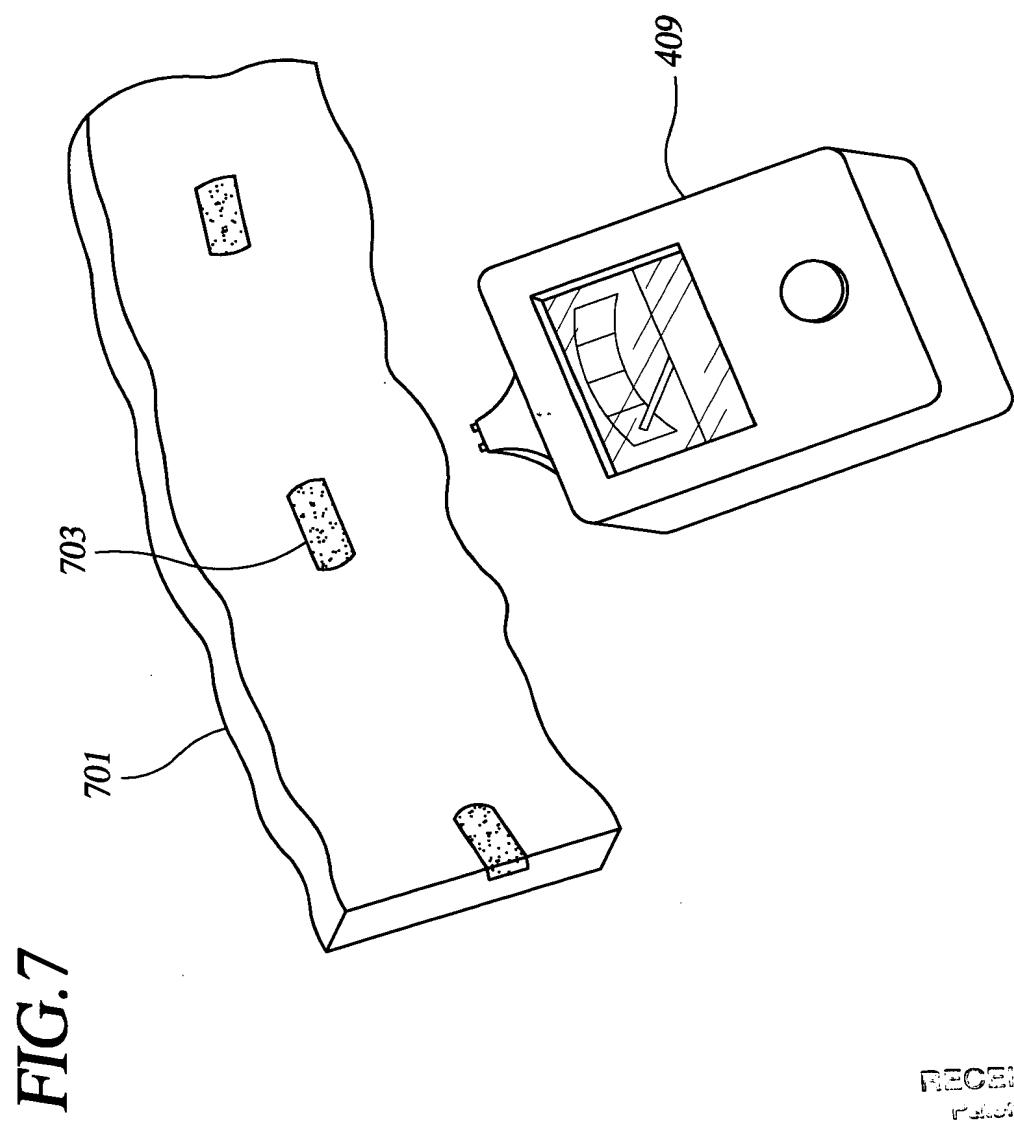


FIG. 6

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Patient Education**

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